



## DEFAULT CACHE SETTINGS

- › Default Timeout = 60 min
- › Last Access Timeout = 30 min
- › Reap Frequency = 1 min
- › Max Objects = 100
- › JVM Threshold = 1% Free
- › Eviction Policy = LRU
- › useLastAccess = True

## FRAMEWORK DEFAULTS

- › LogFileEncoding = ISO-8859-1
- › LogFileMaxSize = 5000kb
- › LogsMaxArchives = 5
- › DefaultFileCharSet = ISO-8859-1
- › DefaultLogDirectory = logs
- › Default Event Name = event
- › MessageboxStorage = session
- › FlashURLPersisScope = session

## CORE PLUGINS

- › applicationstorage
- › beanFactory
- › cfcViewer
- › clientstorage
- › cookiestorage
- › i18n
- › ioc
- › JavaLoader
- › logger
- › messagebox
- › methodInjector
- › MTLogger
- › queryHelper
- › renderer
- › resourceBundle
- › sessionstorage
- › StringBuffer
- › timer
- › Utilities
- › webservice
- › XMLParser
- › zip

## CORE INTERCEPTORS

- › environmentControl
- › executionTracer
- › ses
- › autowire
- › security

## APPLICATION STRUCTURE

- ➔ config
- ➔ handlers
- ➔ interceptors
- ➔ layouts
- ➔ logs
- ➔ model
- ➔ plugins
- ➔ views
- ✦ Application.cfc
- ✦ index.cfm
- ✦ coldboxproxy.cfc

## URL ACTIONS (INDEX.CFM?)

- › fwreinit=1
- › fwreinit={reinitPassword}
- › debugmode=true
- › debugpass={DebugPass}
- › fwcache=anything
- › dumpvar=varlist
- › debugpanel={panel}

## DEBUG PANELS

- › cache
- › cacheviewer
- › profiler

## DEFAULT SES ROUTES

- ›:handler/:action/:id
- ›:handler/:action
- ›:handler

## PLUGINS-INTERCEPTORS-HANDLER

- › announceInterception(state,[interceptData])
- › getColdBoxOCM()
- › getController()
- › getDataSource(alias)
- › getDebugMode()
- › getfwLocale()
- › getInterceptor(interceptorClass)
- › getMailSettings()
- › getMyPlugin(plugin,[newInstance])
- › getPlugin(plugin,[customPlugin],[newInstance])
- › getResource(resource)
- › getSetting(name, [fwSetting])
- › getSettingsBean()
- › getSettingStructure([fwSetting],[DeepCopyFlag])
- › htmlhead(content)
- › Include(template)
- › includeUDF(udfLibrary)
- › persistVariables(persist)
- › relocate(url,[addToken])
- › renderExternalView(view)
- › renderView([view],[cache],[Timeout],[LastAccessTimeout])
- › runEvent(event,[prepostExempt],[private])
- › setDebugMode(mode)
- › setNextEvent(event,[queryString],[addToken],[persist])
- › setNextRoute(route,[persist])
- › setSetting(name,value)
- › settingExists(name, [fwSetting])
- › throw(message,[detail],[type])
- › dump(var)
- › abort()

## CONTROLLER COMMON METHODS

- › getAppRootPath()
- › getColdboxOCM()
- › getColdboxSettings()
- › getConfigSettings()
- › getPlugin(plugin,[customPlugin],[newInstance])
- › getRequestService()
- › getInterceptorService()
- › getDebuggerService()
- › getExceptionService()
- › getSettingStructure([fwSetting],[DeepCopyFlag])
- › getSetting(name, [fwSetting])
- › persistVariables(persist)
- › runEvent(event,[prepostExempt],[private])
- › settingExists(name, [fwSetting])
- › setSetting(name,value)
- › setNextEvent(event,[queryString],[addToken],[persist])
- › setNextRoute(route,[persist])

## COLDBOX CACHE COMMON METHODS

- ✦ All timeouts are in minutes
- ✦ async defaults to true

- › clearAllEvents([async])
- › clearAllView([async])
- › clearByKeySnippet(keySnippet,[regex],[async])
- › clearEvent(eventSnippet,[queryString],[async])
- › clearKey(objectKey)
- › clearView(viewSnippet,[async])
- › expireAll([async])
- › expireByKeySnippet(keySnippet,[regex],[async])
- › expireKey(objectKey)
- › get(objectKey)
- › getCacheStats()
- › getItemTypes()
- › getObjectPool()
- › getpool\_metadata()
- › getSize()
- › lookup(objectKey)
- › set(objectKey,MyObject,[Timeout],[LastAccessTimeout])
- › reap()

## CUSTOM PLUGIN METHODS

- › Init()
- › getPluginPath

## CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)

- › pluginName
- › pluginDescription
- › pluginVersion

## INTERCEPTOR METHODS

- › Configure()
- › getProperties(properties)
- › setProperties()
- › getProperty(name)
- › setProperty(name, value)
- › propertyExists(name)
- › Unregister(state)

## INTERCEPTION POINTS

- › afterConfigurationLoad, afterAspectsLoad
- › sessionStart, SessionEnd
- › preProcess, postProcess
- › preEvent, postEvent
- › preRender, postRender
- › afterHandlerCreation(handlerPath,oHandler)
- › afterPluginCreation(pluginPath,oPlugin)
- › afterCacheElementInsert(cacheObjectKey,cacheObjectTimeout)
- › afterCacheElementRemoved(cacheObjectKey)

## REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)

- › buildLink(linkto)
- › clearCollection()
- › collectionAppend(collection,[overwrite])
- › getCollection([DeepCopyFlag])
- › getCurrentAction()
- › getCurrentEvent()
- › getCurrentHandler()
- › getCurrentLayout()
- › getCurrentView()
- › getDefaultLayout()
- › getDefaultView()
- › getEventName()
- › getFolderLayouts()
- › getSelf()
- › getSESBaseURL()
- › getSize()
- › getValue(name,[default])
- › getTrimValue(name,[default])
- › getViewLayouts()
- › isProxyRequest()
- › isNoRender()
- › isSES()
- › NoRender([remove])
- › overrideEvent(event)
- › paramValue(name, value)
- › renderData( type, data )
- › removeValue(name)
- › setLayout(name)
- › setValue(name, value)
- › setView(name,[noLayout],[cache],[cacheTimeout],[cacheLastAccessTimeout])
- › valueExists(name)
- › showDebugPanel(boolean)



## CACHE CONFIG ELEMENTS

- › **ObjectDefaultTimeout** = Minutes
- › **ObjectDefaultLastAccessTimeout** = Minutes
- › **UseLastAccessTimeouts** = Boolean
- › **MaxObject** = Integer (0 = Unlimited)
- › **ReapFrequency** = Minutes
- › **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
- › **EvictionPolicy** = LFU or LRU

## CONFIG SETTINGS

- › AppMapping
- › **Appname**
- › ApplicationStartHandler
- › CustomErrorTemplate
- › CustomEmailBugReport
- › ColdboxLogsLocation
- › ConfigAutoReload
- › DebugMode
- › DebugPassword
- › **DefaultEvent**
- › EventName
- › ExceptionHandler
- › EnableBugReports
- › EnableColdfusionLogging
- › EnableDumpVar
- › EnableColdboxLogging
- › EventCaching
- › HandlersIndexAutoReload
- › HandlersExternalLocation
- › HandlerCaching
- › IOCFramework
- › IOCDefinitionFile
- › IOCObjectCaching
- › MessageboxStyleOverride
- › MyPluginsLocation
- › onInvalidEvent
- › **OwnerEmail**
- › ProxyReturnCollection
- › RequestStartHandler
- › RequestEndHandler
- › RequestContextDecorator
- › ReinitPassword
- › SessionStartHandler
- › SessionEndHandler
- › UDFLibraryFile
- › FlashURLPersistScope
- › **\*BOLD = Required**

## CONFIG ELEMENTS

- › YourSettings
  - › Setting @name @value
- › CustomConventions
  - › handlersLocation
  - › pluginsLocation
  - › layoutLocation
  - › viewsLocation
  - › eventAction
- › DebuggerSettings
- › MailServerSettings
- › BugTracerReports>BugEmail
- › WebServices>WebService
  - › @name, @URL
- › Layouts
  - › DefaultLayout
  - › DefaultView
  - › Layout @name @file
    - › View
    - › Folder
- › 118n
  - › DefaultResourceBundle
  - › DefaultLocale
  - › LocaleStorage
- › DataSource>Datasource
  - › @alias, @name, @dbtype, @username, @password
- › Interceptors
  - › CustomInterceptionPoints
  - › Interceptor @class
    - › Property @name

## APPLICATION,SESSION,CLIENT STORAGE PLUGINS

- › **clearAll()** \*
- › **deleteVar**(name)
- › **exists**(name)
- › **getStorage()** \*
- › **getVar**(name, [default])
- › **setVar**(name, value)

\* Clientstorage excluded

## BEANFACTORY PLUGIN

- › **create**(bean, [callInitFlag=false])
- › **populateBean**(FormBean)
- › **populateFromJson**(FormBean, JSONString)
- › **populateFromStruct**(FormBean, memento)
- › **populateFromQuery**(FormBean, qry, RowNumber)
- › **Autowire**(target, [useSetterInjection], [annotationCheck], [onDICompleteUDF], [debugmode])

## CFC VIEWER

- › **buildLink**(package)
- › **buildRootLink**()
- › **getaCFC()**
- › **getaPacks()**
- › **getCFCMetaData**(cfcName)
- › **getDirPath()**
- › **getLinkBaseURL()**
- › **getLinkString()**
- › **getLinkType()**
- › **getLstAccessTypes()**
- › **getRenderingTemplate()**
- › **getRootPath()**
- › **getStyleSheet()**
- › **renderit()**
- › **setup**(dirpath, [accessTypeFilter], [dirLink], [jsLink], [RenderingTemplate], [LinkBaseURL])

## COOKIESTORAGE PLUGIN

- › **setVar**(name, value, [expires=1])
- › **deleteVar**(name)
- › **exists**(name)
- › **get/setEncryption()**
- › **get/setEncryptionAlgorithm()**
- › **get/setEncryptionEncoding()**
- › **get/setEncryptionKey()**
- › **getVar**(name, [default])
- › **setVar**(name, value, [expires])

## IOC PLUGIN

- › **configure()**
- › **getBean**(beanName)
- › **getExpandedIOCDefinitionFile()**
- › **getIOCDefinitionFile()**
- › **getIOCFactory()**
- › **getIOCFramework()**
- › **reloadDefinitionFile()**

## RESOURCEBUNDLE PLUGIN

- › **formatRBString**(rbString, substituteValues)
- › **getRBKeys**( rbFile, [rbLocale])
- › **getRBString**(rbFile, rbKey, [rbLocale])
- › **getResource**(resource)
- › **getResourceBundle**(rbFile, [rbLocale])
- › **loadBundle**(rbFile, [rbLocale])
- › **messageFormat**(thisPattern, args, [thisLocale])
- › **setupInstance()**
- › **verifyPattern**(pattern)

## JAVALOADER PLUGIN

- › **create**(className)
- › **getURLClassLoader()**
- › **getVersion()**
- › **setup**(loadPaths, [loadColdfusionClassPath=false], [parentClassLoader=])

## JSON PLUGIN

- › **decode**(data)
- › **encode**(data, [queryFormat], [queryKeyCase], [stringNumbers], [formatDate], [columnListFormat])

## LOGGER & MTLOGGER PLUGIN

- › **logEntry**(Severity, Message, [ExtraInfo])
- › **logError**(Message, [ExceptionStruct], [ExtraInfo])
- › **removeLogFile()**
- › **tracer**(message, [extraInfo])
- › **getValidSeverities()**

## MESSAGEBOX PLUGIN

- › **Append**(message), **appendArray**(messageArray)
- › **clearMessage()**, **getMessage()**, **isEmpty()**
- › **renderit**([clearFlag])
- › **setMessage**(type, [message], [messageArray])

## METHODINJECTOR PLUGIN

- › **injectMixin**(UDF)
- › **injectPropertyMixin**(propertyName, propertyValue, [scope])
- › **invokerMixin**(method, [argCollection], [argList])
- › **removeMixin**(UDFName)
- › **removePropertyMixin**(propertyName, [scope])
- › **start**(CFC), **stop**(cfc)

## QUERYHELPER PLUGIN

- › **doInnerJoin/doLeftOuterJoin**(qryLeft, qryRight, LeftJoinColumn, RightJoinColumn, OrderByElement, [caseSensitive])
- › **doQueryAppend**(qryFrom, qryTo)
- › **filterQuery**(qry, field, value, cfsqltype)
- › **getColumnArray**(qry, columnName)
- › **getCountDistinct**(qry, columnName)
- › **getRowNumber**(qry, columnValue, ColumnName)
- › **sortQuery**(qry, sortBy, sortOrder)

## RENDERER PLUGIN

- › **purgeView**(view)
- › **renderExternalView**(view)
- › **renderLayout()**
- › **renderView**([view], [cache], [cacheTimeout], [cacheLastAccessTimeout])

## TIMER PLUGIN

- › **getTimerScope()**
- › **logTime**(label, tickcount)
- › **Start**(label)
- › **Stop**(label)

## WEBSERVICES PLUGIN

- › **getWS**(name)
- › **getWSObj**(name)
- › **refreshWS**(webservice)



## DEBUGGER ELEMENTS

- › PersistentRequestProfiler = true
- › maxPersistentRequestProfilers = 10
- › maxRCPanelQueryRows = 50
- › InfoPanel @show=true @expanded=true
- › TracerPanel @show=true @expanded=true
- › CachePanel @show=true @expanded=false
- › RCPanel @show=true @expanded=false

## CFECLIPSE SNIPPETS

- › buildlink
- › cfcunittest
- › configcache
- › controller
- › Customplugin
- › ehm (event handler method)
- › exists
- › filterquery
- › get
- › getbean
- › getc - getcollection
- › getd - getdatasource
- › getm - getMyPlugin
- › getp - getPlugin
- › getr - getResource
- › gets - getSetting
- › getself
- › getsesbase
- › Intercept - announceIntercept
- › loge - logerror
- › logentry
- › logtime
- › mbclear - messagebox
- › mbget - messagebox
- › mbisempty - messagebox
- › mbrender -messagebox
- › mbset - messagebox
- › mxunittest
- › newconfig
- › newevent
- › newhandler
- › newinterceptor
- › newestest
- › next - setnextevent
- › Nextroute - setnextroute
- › ocm
- › over - override event
- › param
- › persist
- › Popbean -populatebean
- › rc
- › rce - rc external
- › rem - removeValue
- › ren - renderview
- › run - run event
- › sesbase
- › set
- › setl - setlayout
- › sets - set setting
- › settinge - setting exists
- › setv - set view
- › sortquery
- › timerstart
- › timerstop
- › tracer
- › wsget
- › wsrefresh

## UTILITIES PLUGIN

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"><li>› isCFUUID(inStr)</li><li>› isEmail(str)</li><li>› isURL(str)</li><li>› Sleeper(milliseconds)</li><li>› createArray(str)</li><li>› createStruct(str)</li><li>› getOSFileSeparator()</li><li>› getOSPathSeparator()</li><li>› getOSName()</li><li>› getInetHost()</li><li>› checkCharSet(charset)</li></ul> | <ul style="list-style-type: none"><li>› getIPAddress()</li><li>› getJavaRuntime()</li><li>› getJavaVersion()</li><li>› getJVMFreeMemory()</li><li>› getJVMTotalMemory()</li><li>› FileLastModified(filename)</li><li>› ripExtension(filename)</li><li>› createFile(filename)</li><li>› FileCanWrite(filename)</li><li>› FileCanRead(filename)</li><li>› isFile(filename)</li></ul> | <ul style="list-style-type: none"><li>› appendFile(file,contents,[charset],[checkCharSet])</li><li>› FileSize(filename,sizeFormat)</li><li>› readFile(file,[binary],[charset],[checkCharSet])</li><li>› saveFile(file,contents,[charset],[checkCharSet])</li><li>› removeFile(filename)</li><li>› isDirectory(filename)</li><li>› getAbsolutePath(path)</li><li>› isSSL()</li></ul> |
|--|--|---|

## STRINGBUFFER PLUGIN

- › Append(strIn)
- › Capacity()
- › Delete(startPos,endPost)
- › getString()
- › getStringBuffer()
- › indexOf(inStr,fromPos)
- › insertStr(offset,inStr)
- › lastIndexOf(inStr,fromPos)
- › Length()
- › replaceStr(startPos,endPos, inStr)
- › reverseStr()
- › setLength(newLength)
- › Setup(strIn,BufferLen)
- › subString(startPos,endPos)

## SES INTERCEPTOR PROPERTIES

- › configFile : relative or absolute routes file

## SES ROUTES

- › setEnabled( true or false ) : [default=true]
  - › setUniqueURLs( true or false ) : [default=false]
  - › setBaseURL( url )
  - › addCourse(pattern, [handler],[action])
- 
- › :varname = alphanumeric route
  - › :varname-numeric = numeric route
  - › /blog/entry/:year-numeric/:month-numeric
  - › /wiki/:pagename

## ZIP PLUGIN

- › AddFiles( zipFilePath, [files],[directory],[filter],[recurse],[compression],[savePaths])
- › DeleteFiles(zipFilePath, files)
- › Extract( zipFilePath, [extractPath],[extractFiles],[useFolderNames],[overwriteFiles]
- › FileList(directory, [filter], [recurse])
- › gzipAddFile(gzipFilePath, filePath)
- › gzipExtract(gzipFilePath, [extractPath])
- › List(zipFilePath)
- › PathFormat(path)

## AUTOWIRE INTERCEPTOR PROPERTIES

- › debugMode : [boolean=false]
- › completeDIMethodName : [string=onDIComplete]

## ENVIRONMENTCONTROL INTERCEPTOR PROPERTIES

- › configFile : relative or absolute file location
- › fireOnInit : [boolean=true]

## SECURITY INTERCEPTOR PROPERTY

- › useRegex : [boolean=true]
- › useRoutes : [boolean = false]
- › debugMode : [boolean=false]
- › rulesSource : [string=xml, db, ioc, ocm]
- › queryChecks : [boolean=true]
- › validator : [classpath]
- › validatorIOC : [bean name]

## REQUESTSERVICE

- › getContext()

## INTERCEPTORSERVICE

- › processState(state,interceptData)
- › registerInterceptor([interceptorClass],[interceptorObject],[interceptorProperties], [customPoints])
- › getInterceptor(InterceptorClass)
- › appendInterceptionPoints(customPoints)
- › getInterceptionPoints()
- › getInterceptionStates()
- › getStateContainer(state)
- › Unregister(interceptorClass, state)

## DEBUGGERSERVICE

- › getDebugMode()
- › setDebugMode(debugMode)

## IMPLICIT EVENTS

- › preHandler
- › postHandler
- › onDIComplete
- › onMissingAction